



1000041507.0731102

SEQUENCE LISTING

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Sevala, Veeresh
Crawford, John
Stewart, Sandy

<120> METHODS FOR DETERMINING SQUALENE
SYNTHASE ACTIVITY

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| tcattgatcg | tacaaagaca | atggctgatg | tctatggtgc | tttctatgat | ttttcctgca | 1140 |
| tgctgaagac | aaagggtgac | aagaacgatc | caaatgccag | taagacacta | aaccgacttg | 1200 |
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| Leu | Leu | Lys | Met | Lys | Arg | Ala | Ile | Glu | Lys | Ala | Glu | Lys | Gln | Ile | Pro |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Pro | Glu | Pro | His | Trp | Gly | Phe | Cys | Tyr | Ser | Met | Leu | His | Lys | Val | Ser |
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| Asn | Glu | Gln | Val | Phe | Arg | Gly | Val | Val | Lys | Leu | Arg | Arg | Gly | Leu | Thr |
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| tattcgatgc | tcccacaagg | ttcccgaagc | ttttctctcg | ttattcagca | actcaacacc | | | 180 | |
| gagctccgta | acgccgttgt | tgtgttctac | ttggttcttc | gagctcttta | tactgttgag | | | 240 | |
| gatgatacta | gcataccaac | tगतaaaaag | gttccccatc | tgatagtctt | tcacctggcac | | | 300 | |
| atatacgata | ctgattggca | ttattcatgt | ggtagcaagg | agtacaagat | ctaatggac | | | 360 | |
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| aattcaattg | gtttattttct | acagaaaaaca | aacatttatca | gagattatct | tgaggacatt | | | 660 | |
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| aagcttgagg | atttaaataa | cgaggagaac | acaaacaat | ccgtacagtg | cttaatgaa | | | 780 | |
| atggttacca | atgcgttgat | gcataattgaa | gattgcttga | aatacatggg | ttccttgctg | | | 840 | |
| gaccttcca | tatttcgggt | ctgtgccatc | cctcagatca | tggcgattgg | aacacttgca | | | 900 | |
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| tcctgcatg | tgaagacaaa | ggttgacaag | aacgatccaa | atgccagtaa | gacactaaac | | | 1080 | |
| cgacttgagg | ccgttcagaa | actctgcaga | gacgctggag | ttcttcaaaa | cagaaaatct | | | 1140 | |
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| Leu | Leu | Lys | Met | Lys | Arg | Ala | Ile | Glu | Lys | Ala | Glu | Lys | Gln | Ile | Pro |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Pro | Glu | Pro | His | Trp | Gly | Phe | Cys | Tyr | Ser | Met | Leu | His | Lys | Val | Ser |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Arg | Ser | Phe | Ser | Leu | Val | Ile | Gln | Gln | Leu | Asn | Thr | Glu | Leu | Arg | Asn |
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| Ala | Val | Cys | Val | Phe | Tyr | Leu | Val | Leu | Arg | Ala | Leu | Asp | Thr | Val | Glu |
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| Asp | Asp | Thr | Ser | Ile | Pro | Thr | Asp | Glu | Lys | Val | Pro | Ile | Leu | Ile | Ala |
| | | | | 85 | | | | | 90 | | | | | | 95 |
| Phe | His | Arg | His | Ile | Tyr | Asp | Thr | Asp | Trp | His | Tyr | Ser | Cys | Gly | Thr |
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| Lys | Glu | Tyr | Lys | Ile | Leu | Met | Asp | Gln | Phe | His | His | Val | Ser | Ala | Ala |
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| Phe | Leu | Glu | Leu | Glu | Lys | Gly | Tyr | Gln | Glu | Ala | Ile | Glu | Glu | Ile | Thr |
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| Thr | Val | Asp | Asp | Tyr | Asp | Glu | Tyr | Cys | His | Tyr | Val | Ala | Gly | Leu | Val |
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| Lys | Leu | Glu | Asp | Leu | Lys | Tyr | Glu | Glu | Asn | Thr | Asn | Lys | Ser | Val | Gln |
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| | | | 260 | | | | | 265 | | | | | 270 | | |
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| | | 275 | | | | | | 280 | | | | 285 | | | |
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| Ala | Lys | Val | Ile | Asp | Arg | Thr | Lys | Thr | Met | Ala | Asp | Val | Tyr | Gly | Ala |
| | | | | 325 | | | | | 330 | | | | | 335 | |
| Phe | Tyr | Asp | Phe | Ser | Cys | Met | Leu | Lys | Thr | Lys | Val | Asp | Lys | Asn | Asp |
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Gly Ser Met Gly Ser Leu Gly Thr Met Leu Arg Tyr Pro Asp Asp Ile
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Tyr Pro Leu Leu Lys Met Lys Arg Ala Ile Glu Lys Ala Glu Lys Gln
65           70           75           80

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